Percent Problems involving Change

Name_____

Find each percent change. Round to the nearest tenth of a percent. State if it is an increase or decrease.

1) From 42 minutes to 38 minutes

   9.5% decrease

2) From 79 m to 64 m

   19% decrease

3) From 68 minutes to 13.4 minutes

   80.3% decrease

4) From 30 inches to 52 inches

   73.3% increase

5) From $66 to $19

   71.2% decrease

6) From 50 ft to 96 ft

   92% increase

Find the selling price of each item.

7) Cost of a goldfish: $5.25
   Markup: 90%

   $9.98

8) Cost of a cell phone: $225.00
   Markup: 60%

   $360.00

9) Cost of a puppy: $309.95
    Markup: 69%

    $523.82

10) Cost of a hat: $11.95
     Markup: 30%

     $15.54

11) Cost of a pen: $1.50
     Markup: 80%

     $2.70

12) Cost of a calendar: $12.50
     Markup: 20%

     $15.00

13) Original price of a telescope: $269.99
Discount: 20%

$215.99

14) Original price of a goldfish: $4.85
Discount: 30%

$3.40

15) Original price of shoes: $84.50
Discount: 20%

$67.60

16) Original price of a motorcycle: $4,800.00
Discount: 20%

$3,840.00

17) Original price of a hat: $15.00
Discount: 30%

$10.50

18) Original price of a wagon: $29.95
Discount: 50%

$14.98

19) Original price of a goldfish: $2.50
Tax: 1%

$2.53

20) Original price of shorts: $37.50
Tax: 2%

$38.25

21) Original price of a lizard: $29.50
    Tax: 6%

    $31.27

22) Original price of a kitten: $70.00
    Tax: 6%

    $74.20

23) Original price of a CD: $13.50
    Tax: 3%

    $13.91

24) Original price of a cell phone: $114.95
    Tax: 5%

    $120.70